

## Online Student Tutorial Script for Math Grade 8

1. Log on to <http://parcc.pearson.com/tutorial>
2. Toward the bottom of the screen, click on the drop down arrow beside **Online Student Tutorials** and select Grade 8 Math Computer-Based Assessment Tutorial.
3. A new tab will open in your browser. Select **Start Test Now** and **Start Section** (blue buttons) on the next two pages.
4. **Navigation Tips:**
  - Show students that to move from one question to the next, they must select the blue right arrow button in the upper left corner of the screen.
  - They may go back to the previous question by selecting the blue left arrow button.
  - They may use the Flag button to mark a question they want to go back to later.
5. Walk students through screens 1-26, demonstrating and elaborating on the information provided on each screen. Students should follow along and practice each task on their computers.

### Screen 1:

- Multiple Choice questions have four answer choices and only one correct response. Multiple Choice items are represented with circles by each response.
- Select answer choice D from the Multiple Choice options.
- Multiple select items have 4-7 answer choices and one or more correct response. Multiple Select items are represented with squares. Select answer choices A, D, and F from the Multiple Select options.
- Select the blue right arrow to go to the next screen.

### Screen 2:

- Select the blue right arrow to go to the next screen.

### Screen 3:

- Select answer choice D for the Multiple Choice question.
- Select the blue right arrow to go to the next screen.

### Screen 4:

- Select the blue right arrow to go to the next screen.

### Screen 5:

- Select answer choices A and E to the question.
- Select the blue right arrow to go to the next screen.

### Screen 6:

- Some questions require you to drag and drop items to specific locations on the page.
- Using your mouse, drag the words “two” and “four” and drop them into the box labeled Even Numbers.

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- Using your mouse, drag the words “one” and “three” and drop them into the box labeled Odd Numbers.
- Select the blue right arrow to go to the next question.

### Screen 7:

- Use the graphic below to show students how to answer the question.

$$2 \cdot \boxed{2} = \boxed{-5} + \boxed{-1}$$

- Select the blue right arrow to go to the next question.

### Screen 8:

- There are two types of equation editor items.
- Basic Equation Editor allows for math only, no text.
- Practice typing fractions (like  $\frac{3}{4}$ ) and math operations (like  $5 - 3$ ) in the box provided. Notice that when you select the blue down arrow more buttons appear. Practice entering mixed numbers and inequalities.
- Open-Response Equation Editor allows for math and text. This means you can be asked to provide an answer and an explanation of your work. Practice typing in the box. Use the dark grey bar on the right to scroll down to see more options for entering Relations and Geometry.
- Select the blue right arrow to go to the next question.

### Screen 9:

- Enter 2 next to the equal sign in the box.
- Select the blue right arrow to go to the next question.

### Screen 10:

- Some questions have multiple parts like this one that has both Multiple Select and Equation Editor components.
- For Part A, select answer choices A and E.
- For Part B, enter an answer that is some variation on the following: “Two linear equations with the same slope can have different y-intercepts, meaning the lines are parallel and there is no solution, or so they can have the same y-intercept, meaning the lines are the same so there are infinitely many solutions”.
- Select the blue right arrow to go to the next question.

### Screen 11:

- Some questions have fill-in-the-blank items.
- Fractions cannot be entered for fill-in-the-blank items so answers must be entered as decimals when necessary.
- Enter 50 into the answer box.
- Select the blue right arrow to go to the next question.

### Screen 12:

- Enter 3.5 into the answer box.
- Select the blue right arrow to go to the next question.

### Screen 13:

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- Some questions have hot-spot items that require you to select a spot as your answer.
- Use the graphic below to answer the question:



- Select the blue right arrow to go to the next question.

### Screen 14:

- Use the graphic below to answer the question:

function	$y = 7 \times 4x$	$y = (2x + 5)^2$	$y = 10x^2$	$y = 5x - 3$	$y = \frac{\pi}{2}$	$y = 2x^3 + 1$
linear	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>
non-linear	<input type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>

- Select the blue right arrow to go to the next question.

### Screen 15:

- Inline Choice questions include drop down menus from which you can select the correct response.
- If there is more than one drop down menu for a question, you must select a response for both in order to complete the question.
- Select 2.5 from the first drop down menu and select less from the second drop down menu.
- Select the blue right arrow to go to the next question.

### Screen 16:

- Select the blue right arrow to go to the next question.

### Screen 17:

- For Part A, select a reflection across the x-axis from the first drop down menu and select a translation 3 units to the right from the second drop down menu.
- For Part B, select a rotation 90° clockwise about the origin from the first drop down menu and select a reflection across the x-axis for the second drop down menu.
- Select the blue right arrow to go to the next question.

### Screen 18:

- For line-graph items, you need to select two points on a graph to create a line. After you select the second point, a line will automatically be drawn.
- Select the blue right arrow to go to the next question.

### Screen 19:

- Plot the points (5, 1) and (10, 2).
- Select the blue right arrow to go to the next question.

### Screen 20:

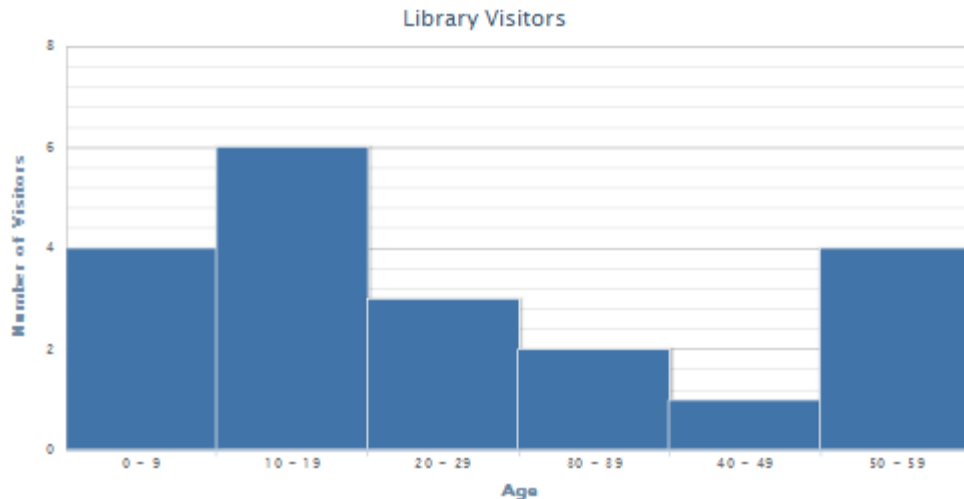
- Bar graph items require you to extend the bar to the correct height or length.
- To extend the bar, select and hold it. Drag it to the desired height or length and then release it.

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- A comment box will appear as you drag the bar to indicate values.
- Drag each bar to the right to reflect the appropriate number of dogs for each color of dogs.
- Select the blue right arrow to go to the next question.

### Screen 21:

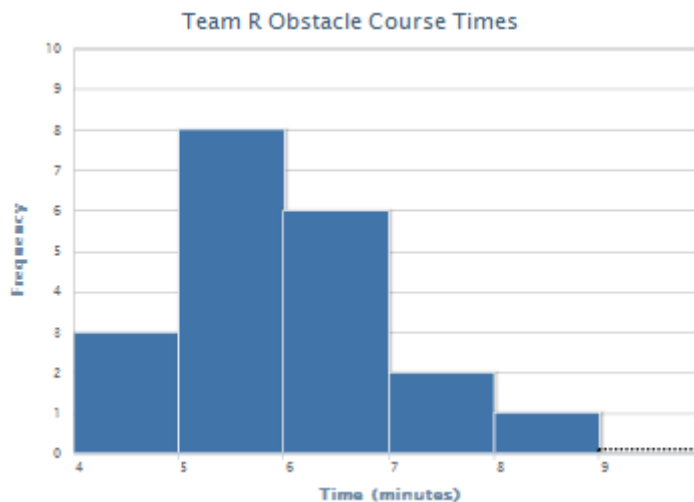
- Drag each bar of the histogram to create the histogram shown here:



- Select the blue right arrow to go to the next question.


### Screen 22:

- For Part A, drag each bar of the histogram to create the histogram shown here:



- For part B, select answer choices A and C.
- Select the blue right arrow to go to the next question.

### Screen 23:

- Interactive number line items require you to plot solution sets on a number line.
- Begin by selecting the ray or segment. It will then appear on the number line.
- Then move the end point(s) to the desired positions.
- Practice by graphing  $x < 2$ . Select  . Then drag the blue point to 2.
- Select the blue right arrow to go to the next question.

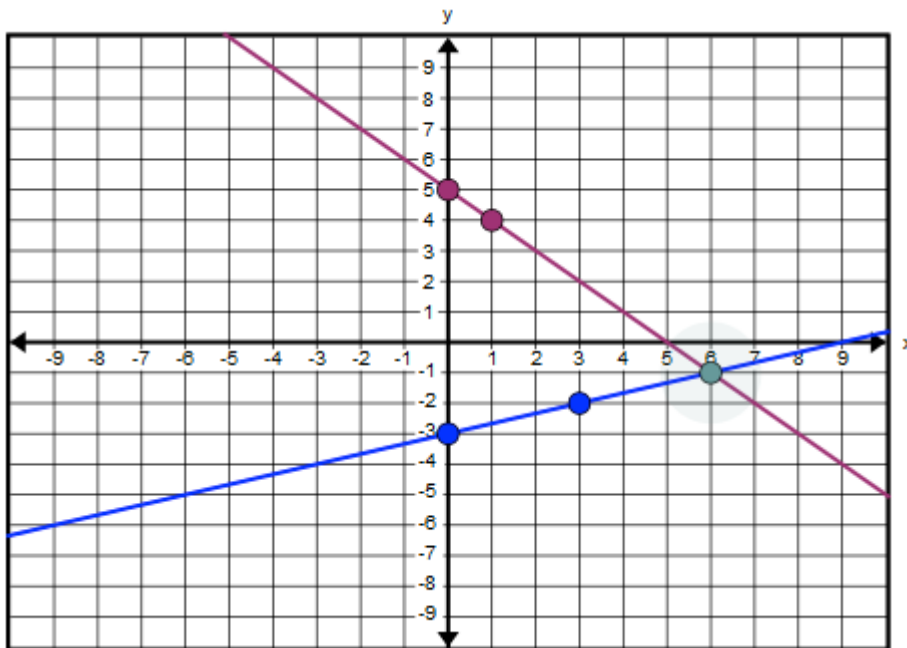
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### Screen 24:

- Systems of equations items require you to graph two lines.
- To graph a line, select the line and plot two points on the coordinate plane. A line will appear through the points.
- Then select the second line and repeat the process.
- To graph a point, select the point and plot it on the graph.
- Select the blue right arrow to go to the next question.

### Screen 25:

- Use the graphic below to answer the question:



- Select the blue right arrow to go to the next question.

### Screen 26:

- Graphing polygons items require you to plot points on a coordinate plane to create a polygon.
- Points are connected in the order they are plotted. To complete the polygon, select the “close shape” button.
- Practice graphing a polygon on the coordinate plane below.
- Select the blue right arrow to go to the next question.

### 6. End Test:

- Note the option to Review Answers and go back to unanswered questions as well as questions flagged for review.
- Press the green button that says “Submit Final Answers.”
- Select “Yes, Submit Final Answers” in the small inset window.